**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 10107 | 455/435.1,435.2,436,437,438,439,446.ccls. | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:03 |
| L2 | 24216 | 726/4,17,21,26.ccls. or 380/270.ccls. or 713/168.ccls. or 340/10.1,10.2,10.3,10.4,338,569,572.1,825.49,825.73.ccls. | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:03 |
| L3 | 1 | (L1 or L2) and (controller near5 (display near2 operating near2 state)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:03 |
| L4 | 11 | (L1 or L2) and ((display near2 operating near2 state)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:03 |
| L5 | 5491 | ((display near2 operat$3 near2 state)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:04 |
| L6 | 32 | (l1 or l2) and ((display near2 operat$3 near2 state)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:04 |
| L7 | 11 | (L1 or L2) and ((display near2 operating near2 state)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:06 |
| L8 | 35 | (L1 or L2) and ((display$3 near5 (operating near2 state))) | US-PGPUB; USPAT | OR | ON | 2011/08/09 18:07 |
| S1 | 0 | "2002109621" | US-PGPUB; USPAT | OR | ON | 2011/08/04 10:52 |
| S2 | 1 | "20020109621" | US-PGPUB; USPAT | OR | ON | 2011/08/04 10:52 |
| S3 | 10085 | 455/435.1,435.2,436,437,438,439,446.ccls. | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:16 |
| S4 | 1 | ((guido near2 muesch).in. or (karin near2 klabunde).in. or (heribert near2 baldus).in. or (philips).as.) and (allocation or allocating).clm. and ID.clm. and medical.clm. | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:18 |
| S5 | 2 | ((base adj station) or BS or BTS or node or AP or (access adj point)) near5 allocat$3 near5 (other or another) near5 ((base adj station) or BS or BTS or node or AP or (access adj point)) near5 network | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:20 |
| S6 | 141 | ((base adj station) or BS or BTS or node or AP or (access adj point)) near5 (allocat$3 or assign$3) near5 (other or another) | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:21 |
| S7 | 0 | S6 and S4 | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:21 |
| S8 | 5 | ((base adj station) or BS or BTS or node or AP or (access | US- | OR | ON | 2011/08/04 |

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|---|---|---|---|---|---|---|
| | | adj point)) near5 (allocat$3 or assign$3) near5 (other or another) near5 network | PGPUB; USPAT | | | 11:21 |
| S9 | 686 | ((base adj station) or BS or BTS or node or AP or (access adj point) or device or sensor) near5 (allocat$3 or assign$3 or register$3) near5 (other or another) | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:32 |
| S10 | 17 | S9 and S3 | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:32 |
| S11 | 4 | (device or element or station or sensor) near5 allocat$3 near5 (other or another) near5 (network or system) | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:38 |
| S12 | 0 | (add$3 or allocat$3 or assign$3) near2 another near5 network | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:39 |
| S14 | 187 | ((add$3 or allocat$3 or assign$3) near2 (device or element or node or sensor) near5 (network or system)) same (adhoc or ad$hoc or ad-hoc) | US-PGPUB; USPAT | OR | ON | 2011/08/04 11:40 |
| S16 | 1 | "7239226".pn. | US-PGPUB; USPAT | OR | ON | 2011/08/04 12:08 |
| S17 | 2 | "20040049451" | US-PGPUB; USPAT | OR | ON | 2011/08/04 12:09 |
| S19 | 8659 | 726/4,17,21,26.ccls. | US-PGPUB; USPAT | OR | ON | 2011/08/04 12:15 |
| S20 | 24166 | 726/4,17,21,26.ccls. or 380/270.ccls. or 713/168.ccls. or 340/10.1,10.2,10.3,10.4,338,569,572.1,825.49,825.73.ccls. | US-PGPUB; USPAT | OR | ON | 2011/08/04 12:16 |
| S21 | 2 | "20040152446" or "6704789".pn. | US-PGPUB; USPAT | OR | ON | 2011/08/04 12:22 |
| S26 | 0 | ((reader near5 authenticat$3 near5 fob) with ((join$3 or enter$3 or access$3) near2 (network or system))) same (RFID or RF$ID or RF-ID) | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:48 |
| S27 | 0 | ((reader with authenticat$3 with fob) with ((join$3 or enter$3 or access$3) near2 (network or system))) same (RFID or RF$ID or RF-ID) | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:48 |
| S28 | 79 | ((reader with fob) with ((join$3 or enter$3 or access$3) near2 (network or system))) same (RFID or RF$ID or RF-ID) | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:48 |
| S29 | 1 | S28 same (ID or identification) same (key or code) | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:49 |
| S30 | 79 | S28 same (key or code) | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:49 |
| S31 | 194 | ((reader or device) near5 authenticat$3 near5 (fob or transponder)) with (key or code) | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:52 |
| S32 | 219 | beenau.in. or berardi.in. | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:53 |
| S33 | 128 | S31 not S32 | US-PGPUB; USPAT | OR | ON | 2011/08/05 12:53 |
| S34 | 10085 | 455/435.1,435.2,436,437,438,439,446.ccls. | US- | OR | ON | 2011/08/05 |

| | | | PGPUB;<br>USPAT | | | 12:53 |
|---|---|---|---|---|---|---|
| S35 | 24166 | 726/4,17,21,26.ccls. or 380/270.ccls. or 713/168.ccls. or 340/10.1,10.2,10.3,10.4,338,569,572.1,825.49,825.73.ccls. | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/05<br>12:53 |
| S36 | 43 | (S34 or S35 or "705".clas.) and S33 | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/05<br>12:53 |
| S38 | 5988 | (send$3 or transmit$4) near5 (messag$3 or code) near5 (sensor or device or fob or reader or transponder) near5 (ID or identification) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:47 |
| S39 | 5982 | ("3" or "20") and S38 | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:48 |
| S40 | 10085 | 455/435.1,435.2,436,437,438,439,446.ccls. | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:48 |
| S41 | 24166 | 726/4,17,21,26.ccls. or 380/270.ccls. or 713/168.ccls. or 340/10.1,10.2,10.3,10.4,338,569,572.1,825.49,825.73.ccls. | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:48 |
| S42 | 625 | (S40 or S41) and S38 | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:48 |
| S43 | 250 | ((((send$3 or transmit$4) near5 (messag$3 or code) near5 (sensor or device or fob or reader or transponder)) with (ID or identification)) same ((access$3 or allocat$3 or join$3) near2 (network or system)) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:49 |
| S44 | 37 | (S40 or S41) and S43 | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:49 |
| S45 | 130 | S43 and ("726".clas. or "380".clas. or "713".clas. or "340".clas. or "455".clas.) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:52 |
| S46 | 369708 | ("726".clas. or "380".clas. or "713".clas. or "340".clas. or "455".clas.) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:57 |
| S47 | 1 | S43 and (light near3 pulse) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>10:57 |
| S48 | 14 | ("4027153" \| "4112293" \| "4227260" \| "4233589" \| "4246475" \| "4366565" \| "4406513" \| "4449247" \| "4457581").PN. OR ("4641373").URPN. | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/08/08<br>10:59 |
| S49 | 3 | (id or identity or identification) with ((send$3 or transmit$4) near3 code near3 (light near3 pulse)) | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/08/08<br>11:00 |
| S50 | 0 | "2002109621" | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>11:04 |
| S51 | 1 | "20020109621" | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>11:04 |
| S52 | 11867 | (send$3 or transmit$4 or emit$4) near3 code near5 (identity or identification or id) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>11:34 |
| S53 | 149 | S52 same (poll or polling) | US- | OR | ON | 2011/08/08 |

| | | | | | | 11:34 |
|---|---|---|---|---|---|---|
| S54 | 96 | S53 and S46 | US-PGPUB; USPAT | OR | ON | 2011/08/08 11:34 |
| S55 | 329 | (send$3 or transmit$4 or emit$4) near5 (code or signal) with (reader) with (sensor or fob or transponer) same (rfid or rf-id or rf$id) | US-PGPUB; USPAT | OR | ON | 2011/08/08 11:55 |
| S56 | 2 | "20040049451" | US-PGPUB; USPAT | OR | ON | 2011/08/08 13:15 |
| S57 | 2 | "20040049451" and ((rf$id or rifid or rf-id or reader) same (account near2 number)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 13:25 |
| S58 | 2 | "20040049451" and (personalization with user) | US-PGPUB; USPAT | OR | ON | 2011/08/08 14:15 |
| S59 | 1 | "10552646" and encoded | US-PGPUB; USPAT | OR | ON | 2011/08/08 14:40 |
| S65 | 2 | "20040049451" and (fob) | US-PGPUB; USPAT | OR | ON | 2011/08/08 15:18 |
| S66 | 2 | "20040049451" and (fobs) | US-PGPUB; USPAT | OR | ON | 2011/08/08 15:18 |
| S67 | 2 | "20040049451" and (fobs) | US-PGPUB; USPAT | OR | OFF | 2011/08/08 15:18 |
| S68 | 1 | "4641373".pn. and (light near2 pulse) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:04 |
| S69 | 0 | "4641373".pn. and (light near2 pulse) same (code or encod$3) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:05 |
| S70 | 0 | "4641373".pn. and ((light near2 pulse) same (code or encod$3)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:05 |
| S71 | 0 | "4641373".pn. and ((light near2 pulse) same (code or encod$3 or data)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:05 |
| S72 | 1 | "4641373".pn. and ((light near2 pulse)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:05 |
| S73 | 40 | (RF-ID or rfid or rf$id) same (light near3 pulse) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:20 |
| S74 | 5 | (RF-ID or rfid or rf$id) with (light near3 pulse) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:20 |
| S75 | 1988 | (data near5 (light near2 pulse)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:54 |
| S77 | 2794 | (((data or $3code$1) near5 (light near2 pulse))) | US-PGPUB; USPAT | OR | ON | 2011/08/08 16:54 |
| S78 | 2794 | (((data or $3code$1) near5 (light near2 pulse)) | US- | OR | ON | 2011/08/08 |

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|---|---|---|---|---|---|---|
| | | | PGPUB;<br>USPAT | | | 16:55 |
| S79 | 63 | ((data or $3code$1) near5 (light near2 pulse)) and (rf$id<br>or rfid or rf-id) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>16:55 |
| S80 | 61 | ((data or $3code$1) near5 (light near2 pulse)) and (rf$id<br>or rfid or rf-id) and (receiv$3 near2 (code or message)<br>near2 send$3 or transmit$4) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>16:57 |
| S81 | 2 | ((data or $3code$1) near5 (light near2 pulse)) and (rf$id<br>or rfid or rf-id) and (receiv$3 near2 (code or message)<br>near2 (send$3 or transmit$4)) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>16:57 |
| S82 | 91 | ((data or $3code$1) near5 (light near2 pulse)) and<br>((receiv$3 near2 (code or message) near2 (send$3 or<br>transmit$4)) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>16:57 |
| S83 | 38 | (RFID or rf-id or rf$id) with network with (medical near2<br>device) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:24 |
| S84 | 64 | (RFID or rf-id or rf$id) with network with (medical with<br>device) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:25 |
| S85 | 26 | S84 not S83 | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:25 |
| S86 | 744 | (RFID or rf-id or rf$id) with (medical with device) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:29 |
| S87 | 186 | ((RFID or rf-id or rf$id) with (medical with device)) same<br>network | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:29 |
| S88 | 21 | ("2004/0153344").URPN. | USPAT | OR | ON | 2011/08/08<br>17:32 |
| S89 | 1660 | ((RFID or rf-id or rf$id) with (medical or patient)) same<br>(network or device) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:33 |
| S90 | 369708 | ("726".clas. or "380".clas. or "713".clas. or "340".clas. or<br>"455".clas.) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:34 |
| S91 | 570 | S89 and S90 | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>17:34 |
| S92 | 332 | (receiv$3 near2 (identification or id)) with (send$3 or<br>transmit$3) with (verification) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>18:06 |
| S93 | 382 | (receiv$3 near3 (identification or id)) with (send$3 or<br>transmit$3) with (verification) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>18:07 |
| S94 | 50 | S93 and (rfid or rf-id or rf$id) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>18:07 |
| S95 | 0 | (receiv$3 near2 (id or identification) near2 then near2<br>(send$3 or transmit$4)) same (rfid or rf$id) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>18:11 |
| S96 | 0 | (receiv$3 near5 (id or identification) near5 then near5<br>(send$3 or transmit$4)) same (rfid or rf$id) | US-<br>PGPUB;<br>USPAT | OR | ON | 2011/08/08<br>18:11 |
| S97 | 0 | (receiv$3 near5 (id or identification) near5 then near5<br>((send$3 or transmit$4)) | US-<br>PGPUB; | OR | ON | 2011/08/08<br>18:11 |

| | | | USPAT | | | |
|---|---|---|---|---|---|---|
| S98 | 25790 | ((receiv$3 near5 (id or identification) near5 (send$3 or transmit$4)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:11 |
| S99 | 373 | ((personal$7 near2 system) with rfid | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:12 |
| S100 | 31 | ((personal$7 near2 system) near2 (receiv$3) near2 (id or identification) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:12 |
| S101 | 5 | S100 and (rf$id or rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:13 |
| S102 | 13 | ((((fob or transponder) near3 (send$3 or transmit$4 or emit$4) near3 (id or identification)) same (authoriz$5 or verif$7 or authenticat$3 or updat$3)) same ((send$3 or transmit$3 or emit$3) near5 (reader)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:22 |
| S103 | 1 | ((((fob or transponder) near3 (send$3 or transmit$4 or emit$4) near3 (id or identification)) same (updat$3)) same ((send$3 or transmit$3 or emit$3) near5 (reader)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:24 |
| S104 | 1 | "20040068756" | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:26 |
| S107 | 3788 | (server or unit or device) near5 (receiv$3) near5 (send$3 or transmit$3) near5 (authenticat$3) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:28 |
| S108 | 1 | "7114180".pn. | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:32 |
| S109 | 2 | "20030154144" | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:33 |
| S110 | 1 | "20040155809" | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:39 |
| S111 | 4269 | (((server or controller) near3 (send$3 or receiv$3) near3 (id or identification)) with (send$3 near3 (id or identification)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:40 |
| S112 | 328 | (((server or controller) near3 (send$3 or receiv$3) near3 (id or identification) near3 device) with (send$3 near3 (id or identification)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:40 |
| S113 | 0 | (((server or controller) near3 (send$3 or receiv$3) near3 (id or identification) near3 first near3 device) with (send$3 near3 (id or identification) near3 second near3 device) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:40 |
| S114 | 1878 | (device near3 receiv$3 near3 (id or identification)) with ((send$3 or transmit$3) near3 (id or identification)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:44 |
| S115 | 1011 | (device near3 receiv$3 near2 (transmit$3 or send$3 or emit$3) near3 (id or identification)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:45 |
| S116 | 203 | S115 and rfid | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:45 |
| S117 | 333 | (device near3 receiv$2 near2 (transmit$2 or send$1 or emit$2) near3 (id or identification)) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:46 |
| S118 | 19 | S117 same rfid | US- | OR | ON | 2011/08/08 |

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|---|---|---|---|---|---|---|
| | | | PGPUB; USPAT | | | 18:46 |
| S119 | 229 | S117 and (rfid or wireless) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:51 |
| S120 | 273 | S117 and (rfid or wireless or radio) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:51 |
| S121 | 77 | S117 and (rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:51 |
| S122 | 58 | S121 not S118 | US-PGPUB; USPAT | OR | ON | 2011/08/08 18:51 |
| S126 | 2 | "20040172535" and (id or identification) | US-PGPUB; USPAT | OR | ON | 2011/08/09 12:10 |
| S127 | 125025 | ((send$3 or transmit$4) near5 (code or message) with ((disconnect$3 or disable) near5 network or system) | US-PGPUB; USPAT | OR | ON | 2011/08/09 14:56 |
| S128 | 125025 | (((send$3 or transmit$4) near5 (code or message)) with ((disconnect$3 or disable) near5 network or system) | US-PGPUB; USPAT | OR | ON | 2011/08/09 14:56 |
| S129 | 509 | ((send$3 or transmit$4) near2 (code or message)) near5 ((disconnect$3 or disable) near5 (network or system)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 14:57 |
| S130 | 10107 | 455/435.1,435.2,436,437,438,439,446.ccls. | US-PGPUB; USPAT | OR | ON | 2011/08/09 14:57 |
| S131 | 24216 | 726/4,17,21,26.ccls. or 380/270.ccls. or 713/168.ccls. or 340/10.1,10.2,10.3,10.4,338,569,572.1,825.49,825.73.ccls. | US-PGPUB; USPAT | OR | ON | 2011/08/09 14:57 |
| S132 | 56 | S129 and (S131 or S130) | US-PGPUB; USPAT | OR | ON | 2011/08/09 14:57 |
| S133 | 165 | ((send$3 or transmit$4) near2 (code or message)) near5 ((disconnect$3 or disabl$3 or tear$5) near5 (device or station or reader) near5 (network or system)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:02 |
| S134 | 0 | (((send$3 or transmit$4) near2 (code or message)) near5 ((disconnect$3 or disabl$3 or tear$5) near5 (device or station or reader) near5 (network or system))) same (rfid or rf-id or rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:07 |
| S135 | 9 | (((send$3 or transmit$4) near2 (code or message)) near5 ((disconnect$3 or disabl$3 or tear$5) near5 (device or station or reader) near5 (network or system))) and (rfid or rf-id or rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:07 |
| S136 | 40 | (((send$3 or transmit$4) near5 (code or message)) near5 ((disconnect$3 or disabl$3 or tear$5) near5 (device or station or reader or transponder))) and (rfid or rf-id or rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:09 |
| S137 | 16 | (((send$3 or transmit$4) with (code or message)) with ((disconnect$3 or disabl$3 or tear$5) with (device or station or reader or transponder))) with (rfid or rf-id or rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:09 |
| S138 | 134 | (((send$3 or transmit$4) with (code or message)) with ((disconnect$3 or disabl$3 or tear$5) with (device or station or reader or transponder))) and (rfid or rf-id or rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:09 |

| S139 | 23 | (((send$3 or transmit$4) with (code or message)) with ((disconnect$3 or disabl$3 or tear$5) with (device or station or reader or transponder))) same (rfid or rf-id or rfid) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:09 |
|------|------|------|------|------|------|------|
| S140 | 54 | S136 or S139 | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:09 |
| S141 | 80 | S138 not (S139 or S140) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:11 |
| S142 | 1134 | ((send$3 or transmit$4) near5 (code or message) near5 (device or station)) with ((disconnect$3 or disabl$3 or tear$5) near5 (device or station)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:14 |
| S143 | 17 | ((send$3 or transmit$4) near5 (code or message) near5 (first near2 (device or station))) with ((disconnect$3 or disabl$3 or tear$5) near5 ((other or another or second) near2 (device or station))) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:15 |
| S144 | 0 | ((server or computer or controller) near5 (send or transmit$4 or emit$3) near5 (code or message) near5 (device or station or node$3) near5 (disable or disconnect$3)) same (ad$hoc or adhoc) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:26 |
| S145 | 0 | ((server or computer or controller) near5 (send or transmit$4 or emit$3) near5 (code or message) near5 (device or station or node$3) near5 (disable or disconnect$3)) and (ad$hoc or adhoc) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:26 |
| S146 | 140 | ((server or computer or controller) near5 (send or transmit$4 or emit$3) near5 (code or message) near5 (device or station or node$3) near5 (disable or disconnect$3)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 15:27 |
| S147 | 27 | (send$3 or transmit$4 or emit$4) near5 (code or message) near5 (numerous or multiple or repeatedly) near5 (reliability or (ensure near2 delivery)) | US-PGPUB; USPAT | OR | ON | 2011/08/09 16:36 |
| S148 | 8 | S147 and "455".clas. | US-PGPUB; USPAT | OR | ON | 2011/08/09 16:37 |
| S149 | 122 | (send$3 or transmit$4 or emit$4) near5 (code or message) near5 (numerous or multiple or repeatedly) near5 (disabl$3 or disconnect$3) | US-PGPUB; USPAT | OR | ON | 2011/08/09 16:51 |
| S151 | 0 | ((send$3 or transmit$4 or emit$4) near5 (code or message) near5 (numerous or multiple or repeatedly) near5 (disabl$3 or disconnect$3)) same (identification or id) | US-PGPUB; USPAT | OR | ON | 2011/08/09 16:52 |
| S152 | 0 | ((send$3 or transmit$4 or emit$4) near5 (code or message or signal) near5 (numerous or multiple or repeatedly) near5 (disabl$3 or disconnect$3)) same (identification or id) | US-PGPUB; USPAT | OR | ON | 2011/08/09 16:52 |
| S153 | 20 | (((send$3 or transmit$4 or emit$4) near5 (code or message or signal)) with (numerous or multiple or repeatedly) with (disabl$3 or disconnect$3)) same (identification or id) | US-PGPUB; USPAT | OR | ON | 2011/08/09 16:53 |
| S154 | 11 | (((server or computer or controller) near5 (send or transmit$4 or emit$3) near5 (code or message) near5 (device or station or node$3) near5 (disable or disconnect$3))) same (id or identification) | US-PGPUB; USPAT | OR | ON | 2011/08/09 16:59 |

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